

**CLAIMS**

1. A portable telephone assembly comprising first and second portions wherein the first portion:

- 5 comprises a primary power source;  
is independently operable as a portable telephone; and  
is arranged to be detachably connectable to the second portion,

and the second portion:

- 10 is arranged to be removably attachable to a user; and  
comprises an auxiliary power source operable to supplement the primary  
power source when the first and second portions are connected.

2. A portable telephone assembly as claimed in claim 1 wherein the  
15 auxiliary power source comprises a battery.

3. A portable telephone assembly as claimed in claim 2 wherein the  
battery comprises several re-chargeable cells distributed about the second  
portion.

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4. A portable telephone assembly as claimed in claim 1, wherein the  
second portion is arranged for removable attachment to a user's wrist.

5. A portable telephone assembly as claimed in claim 1, wherein charging  
25 circuitry is provided to re-charge the primary power source from the auxiliary  
power source.

6. A portable telephone assembly as claimed in claim 5 wherein the  
charging circuitry is disposed in the second portion.

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7. A portable telephone assembly as claimed in claim 5, wherein the charging circuitry comprises contactless inductive charging apparatus.
8. A portable telephone assembly as claimed in claim 6, wherein the charging circuitry comprises contactless inductive charging apparatus.
9. A portable telephone apparatus as claimed in claim 1, further comprising charging apparatus for re-charging the auxiliary power source.

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